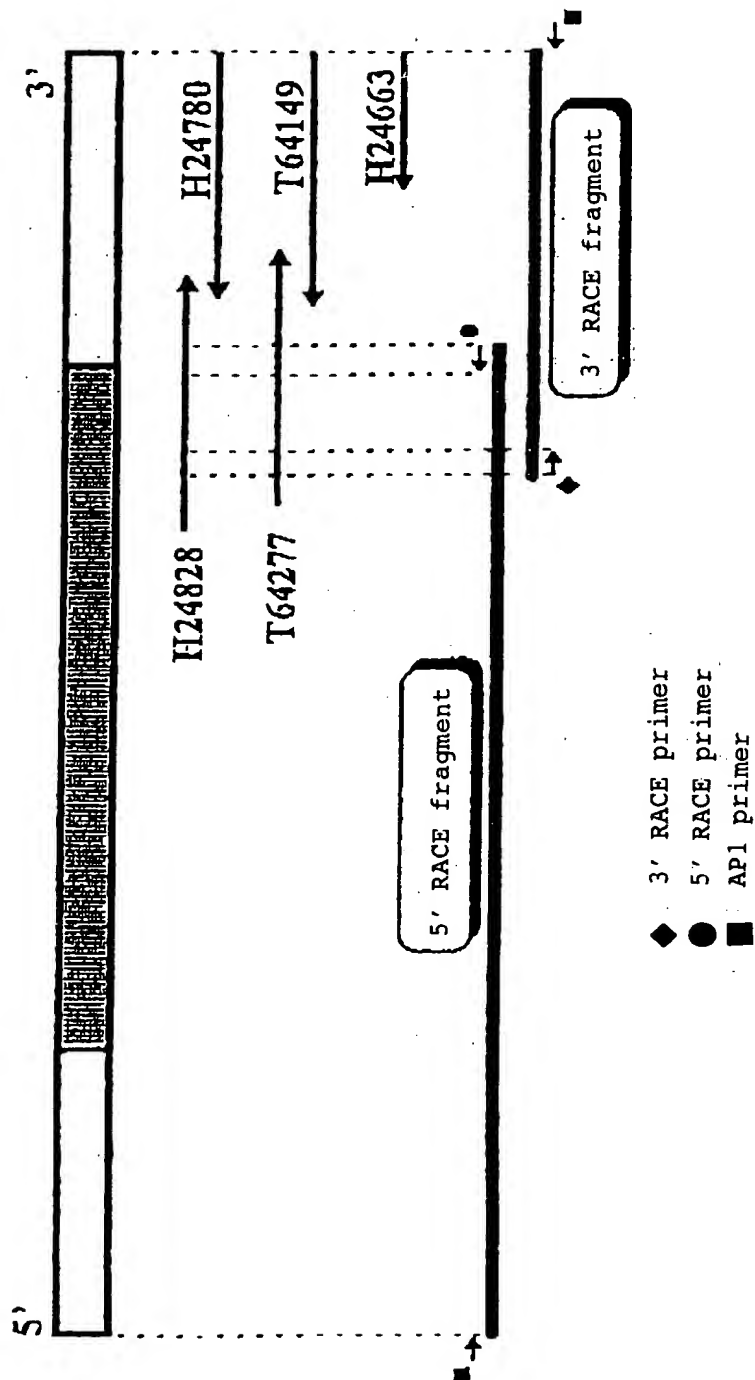


Fig. 1

Coding region



APPROVED	OP. FIG.
BY	CLASS / SUBCLASS
DRAFTSMAN	520 399

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2 / 4

Fig. 2

HSVEGFCC*	MHLGGFFSVA	CSLLAAALLP	GPREAPAAAA	AFESGLDLSD	AEPDAGEATA	50
H24828	-----	-----	-----	-----	-----	50
HSVEGFCC	YASKDLEEQL	RSVSSVDELM	TVLYPEYWKM	YKQQLRKGGW	QHNREQANLN	100
H24828	-----	-----	-----	-----	-----	100
HSVEGFCC	SRTEETIKFA	AAHYNTEILK	SIDNEWKTQ	CMPREVCIDV	GKEFGVATNT	150
H24828	-----	-----	-----	-----	-----	150
HSVEGFCC	FFKPPCVSVY	RCGGCCNSEG	LQCMNTSTSY	LSKTLFEITV	PLSQGPKPVT	200
H24828	-----	-----	-----	-----	-----	200
HSVEGFCC	ISFANHTSCR	CMSKLDVYRQ	VHSIIRSLP	ATLPQCQAAN	KTCPTNYMWN	250
H24828	-----	-----	-----	-----	-----	250
HSVEGFCC	NHICRCLAQE	DFMFSSDAGD	DSTDGFHDIC	GPNKELDEET	CQCVCRAGLR	300
H24828	-----	-----	-----	-----	-----HLQE	300
HSVEGFCC	PASCGPHKEL	DRNSCQCVCCK	NKLFPSCGA	NREFDENTCQ	CVCKRTCPRN	350
H24828	PALCGPHMMF	DEDRCECVCK	TPCPKDLIQH	PKNCSCFECK	ESLETCCQKH	350
HSVEGFCC	QPLNPGKCAC	ECTESPQKCL	LKGKKFHHQT	CSCYRRPCTN	RQKAC-EPGF	400
H24828	KLFHPDTCSC	E-----DR	CPFHTRPCAS	GKTACAKHCR	-----	400
HSVEGFCC	SYSIEVCRCV	PSYWKRPQMS	450
H24828	FPKEKRAAQG	PHSRKNP...	450

*HSVEGFCC:

human VEGF-C

APPROVED	BY	CLASS	SUBCLASS
		580	399
DRAFTSMAN			

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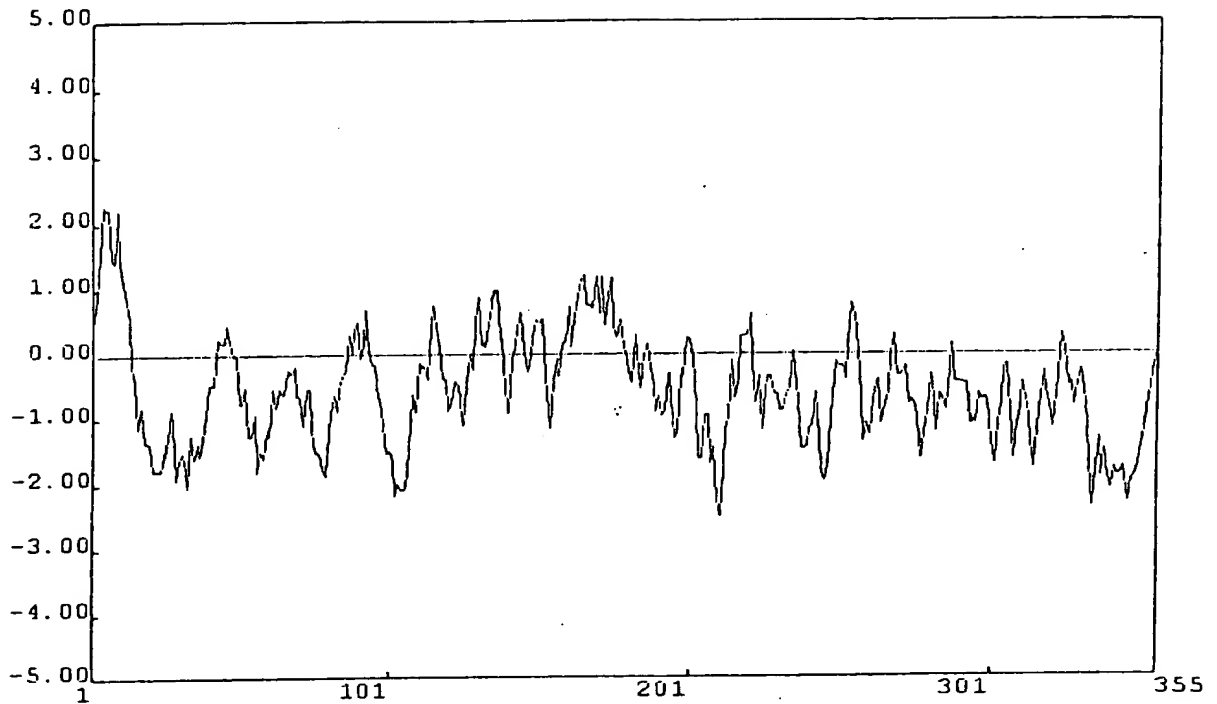
Fig. 3

HSVEGF-D	MYREWVVNV	FMMLYVQVQ	GSSNEHGPVK	-----RSSQ	50
HSVEGF-C	MHLGGFESVA	CSLLAAALP	GPREAPAAAA	AFESGLDLSD AEPDAGEATA	50
HSPDGF-A	MRTACILL	GCGYLAHVLA	EEAEIPREVI	ERLAR-----SQ	50
HSPDGF-B	MNRCAFLS	LCCYLRLVSA	EGDPIPEELY	EMLSD-----HS	50
HSPIGF2	MPVMRLPCF	LQLLAGLAUP	AVPPQQWALS	AGNGS-----	50
HSVEGF	MNFLSWVHW	SLALLYIHH	AKWSQAAPMA	EGGGQ-----	50
HSVEGF-B	MSPILRR---	--LLTAAALQ	LAPAAQPVSQ	PDAPG-----	50
HSVEGF-D	STLERSEQRI	RAASSLEELL	RITHSEDWKL	WRCLRLKSF	100
HSVEGF-C	YASKDLEFQL	RSVSSVDLM	TVLYPEYKAM	YKCLRLKGGW	100
HSPDGF-A	IHSIRDLCRI	LEIDSVGSED	S-L-----	-----DTSLRA	100
HSPDGF-B	IRSFDDLORI	LHGDPGEEDG	AEI-----	-----DLNMTR	100
HSPIGF2	-----	-----	-----	-----	100
HSVEGF	-----	-----	-----	-----	100
HSVEGF-B	-----	-----	-----	-----	100
HSVEGF-D	RST----RFA	ATFYDIETLK	VIDEEWORTQ	CSPRETCVEV	150
HSVEGF-C	SRTEETIKFA	AAHYNTEILK	SIDNEWRTQ	CMPREVCIDV	150
HSPDGF-A	HGVHAKHVP	EKRPLPIRRK	RSIEEAVPAV	CKTRTVIYEI	150
HSPDGF-B	SHSGGELES	ARGRRSGSL	TIAEPAMTAE	CKTRTEVEEI	150
HSPIGF2	-----	---SEEVVP	FQEV-WGRSY	CRALERLVDV	150
HSVEGF	-----	---NHHEVVK	FMDV-YORSY	CHPIETLVDI	150
HSVEGF-B	-----	---HQRKVVS	WIDV-YTRAT	CQPREVVVPL	150
HSVEGF-D	FF--KPPCVN	VFRCGGCCNE	BSLICMNTST	SYISKCLFEI	200
HSVEGF-C	FF--KPPCVS	VYRCGGCCNS	EGLQCMNTST	SYLSKTLFEI	200
HSPDGF-A	NFLIWPPCVC	VKRCCTGCCNT	SSVKCQPSRV	HHRSVKVAKV	200
HSPDGF-B	NFLVWPPCVC	VQRCSGCCNN	RNVQCRPTQV	QLRPVQVRKI	200
HSPIGF2	MF--SPSCVS	LLRCTIGCCGD	ENLHCVPVET	ANVTMOLLKI	200
HSVEGF	IF--KPSCVI	LMRCGGCCND	EGLECVPTTE	SNITMCMIRI	200
HSVEGF-B	QL--VPSCVT	VQRCGGCCPD	DGLECVPTGQ	HQVRMCILMI	200
HSVEGF-D	LVPVKVANHT	GCKCLPT--A	PRHPYSIIRR	SIQIPEEDRC	250
HSVEGF-C	PVTISFANHT	SCRCMSKLDV	YRQVHSIIRR	S-LPATLPQC	250
HSPDGF-A	EVQVRLEEHL	ECACATTSLN	PDYREEDTGR	P-RESGKKRK	250
HSPDGF-B	KATVTLEDHL	ACKCET--VAA	ARPVTRSPGG	S-QEQRAK--	250
HSPIGF2	YVELTFSQHV	RCECRP---	LREKMKPERR	R-PKGRGKRR	250
HSVEGF	IGEMSFLQHN	KCECRP-KKD	RARQEKKSVR	G-KGKGQKRR	250
HSVEGF-B	LGEMSLEEHS	QCECRPKKKD	SA-----	-----KKSRYK-	250
HSVEGF-D	MLWDSNKCKC	VLOEE-NPLA	GTEHSHLQE	-----	300
HSVEGF-C	YMWNNHICRC	LAQEDFMFSS	DAGDDSTDGF	HDICGPNKEL	300
HSPDGF-A	-----	-----	-----	-----	300
HSPDGF-B	-----	-----	-----	-----	300
HSPIGF2	-----	-----	-----	-----	300
HSVEGF	---SWSVYV	GARCCLMPWS	LPGPHPGPGC	SERRKHFLVQ	300
HSVEGF-B	-----	-----	VKPDSPRPLC	PRCTQHQRP	300
HSVEGF-D	----PALCGP	FMMEDEDRCE	CVCKTPCPKD	LIQHPKNCSC	350
HSVEGF-C	AGLRPASCOP	IKELDRNSCQ	CVCKKNKLFPS	QCGANREFDE	350
HSPDGF-A	-----	-----	-----	-----	350
HSPDGF-B	VRVRRPPKCK	IRKFKHTHDK	TALKETIGA	-----	350
HSPIGF2	-----	-----	-----	-----	350
HSVEGF	N-TDSRCKAR	QLELNERTCR	CDKPRR	-----	350
HSVEGF-B	RRSFLRCQGR	GLELNPDTCR	CRKLRR	-----	350
HSVEGF-D	CQKHKLFHP	DTCSCE---	-----	---DRCPFHT	400
HSVEGF-C	CPRNQPL-NP	GKCAECTES	PQKCLLKGKK	FHHQTCSYR	400
HSPDGF-A	-----	-----	-----	-----	400
HSPDGF-B	-----	-----	-----	-----	400
HSPIGF2	-----	-----	-----	-----	400
HSVEGF	-----	-----	-----	-----	400
HSVEGF-B	-----	-----	-----	-----	400
HSVEGF-D	AKHCRFPKCK	RAAQGPHSRK	NP	-----	450
HSVEGF-C	-EPGFSYSSE	VCRCVPSYWK	RQMS	-----	450
HSPDGF-A	-----	-----	-----	-----	450
HSPDGF-B	-----	-----	-----	-----	450
HSPIGF2	-----	-----	-----	-----	450
HSVEGF	-----	-----	-----	-----	450
HSVEGF-B	-----	-----	-----	-----	450

4 / 4

Fig. 4

a) Hydrophobicity



b) Prediction of the human VEGF-D signal peptide

